It Always Helps says Mrs. Sylvania Woods, of Clifton Mills, Ky., in writing of her experience with Cardul, the woman's tonic. She says further: "Before I began to use Cardul, my back and head would hurt so bad, I thought the pain would kill me. I was hardly able to do any of my housework. After taking three bottles of Cardul, I began to feel like a new woman. I soon gained 35 pounds, and now, I do all my housework, as well as run a big water mill. I wish every suffering woman would give The Woman's Tonic a trial. I still use Cardui when I feel a little bad, and it always does me good. Headache, backache, side ache, nervousness, tired, worn-out feelings, etc., are sure signs of womanly trouble. Signs that you need Cardui, the woman's tonic. You cannot make a mistake in trying Cardul for your trouble. It has been helping weak, alling

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WHERE TO GO FOR YOUR REGISTERED LIVE STOCK

Division of Extension Issues Complete List of Tennessee Breeders of Live Stock.

tension, University of Tennessee.) What will likely prove of great value to the farmers of Tennessee is a-pamphlet just issued by the Divison of Extension of the College of Agriculture. It lists the names and addresses of all Tennessee Breeders of Registered Live Stock.

For some time there has been a call for just such a list. Farmers desiring a certain breed of live stock have not known where they could go to get the foundation stock. This publication will be sent free to any one addressing the Division of Extension, College of Agriculture, Knoxville, Tennessee.

In the pamphlet are listed the names and addresses of the breeders of the various breeds of beef cattle, dairy cattle, dual purpose cattle, horses, facks and jennets, sheep and goats, and swine. Leading breeds are illus-

There is also given a list of the variwith their officers. In fact, the bulletin is complete in directing the reader to the kind of live stock he desires to produce on his farm,

PURE-BRED LIVE STOCK PAY BACK THEIR PRICE

Animal With Pedigree is Better Than One With Only Good Looks-Go After Both Qualifications.

(By C. D. Lowe, Division of Extension, University of Tennessee.)

Some persons are apparently not able to see the necessity of paying from \$100 to \$200 for a registered bull when a grade bull can be purchased for from \$50 to \$75.



Pure-Breds Always Have the Advantage,

This grade animal may be equally as good an individual from a best standpoint as the pedigreed one, but should we not look farther than mere conformation when selecting a sire?

In the first place, what is registration on an animal and what is it worth to the stockman or farmer? The registration certificate can be regarded as a form of insurance a guarantee that the ancestors of the animal were bred for a definite purpose for many generations back. This virtually insures that the animal under consideration will continue to breed on and on in conformity with the good qualities possensed by his strain.

On the other hand, the grade or serub can not be expected to produce on an equality with the pure-brad. Many times grades breed well in the first generation, but rapidly retregrade in the resulting generation.

Pure-breds are as much better than grades as grades are better than sorubs, but unfortunately every one is not prepared to handle pedigreed animals exclusively. Every one, however, may have pure-bred registered sires. Have you got yours?

J. R. Peake, of Menderson county, has noted that where peak were planted on limed land they did much better than where the land was not limed,

SEEING SNAKES.

Yeast-I understood you made a bet today with your brother about a snake he saw last summer?

Crimsonbeak-Yes, I did. I bet him ten dollars he couldn't tell what kind of a snake it was he saw.

"I don't think that's exactly right."

"Why not?" "Because to make a bet like that with a man who drinks as much as your brother does looks as if you were taking an undue advantage of

Didn't Notice Her.

"Did you notice that lovely girl in the pretty brown dress, waiting in the lobby?" he asked his wife as they took their seats in the theater.

"What! That frowsy thing with the false puffs, enameled face, gold teeth, made-over dress, imitation mink furs, and torn gloves? No, I didn't notice her. Why?"-Puck.

How is It by You?

A family that had occupied a house eight months notified its landlord that it intended to move out. The landlord inquired what was the matter.

"We have just found out," said one of the members of the family, "that there aren't any faucets on the bath

RUB-MY-TISM

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BIG PROFITS IN EARLY HOT-BEDS

(By Harry B. Potter, Division of Ex- Do You Want Tomatoes in July? -Then the Seeds Must be Planted in January

THE PLANTS EARLY

in the Great Tomato Growing Districts of West Tennessee the Earliest Cars Bring the Highest Prices-Plans to Follow for Good Results.

(By Charles A. Keffer, Division of Extension, University of Tennessee.)

Do you want tomatoes - in July? Then plant the seed in a hot bed in January; transplant in a hot bed in February; transplant again in a spent betbed or a cold fame in March, and set the twice-transplanted plants in ous national live stock associations. the field or the garden as soon as danger of frost is past in April. In the great majority of cases it is the early plant that makes the big profit. Here in Knoxville the first home-grown tomatoes on the market have been known to bring five dollars a bushel (and the grower sold several bushels at that price), while the price went below fifty cents a bushel when the full crop was on. In the great tomato growing districts of West Tennessee the earliest cars bring the highest prices. Start the plants early, and keep them growing. To do this a hotbed is necessary. Hot bed sash are three by six feet in size, and should have three rows of glass per sash. The bed should be six feet wide, and any times three feet in length, its size depending on the number of plants to be grown. For a home garden a single sash will enable the gardener to grow all early plants of every kind needed, but a hot bed six to twelve feet long will be found the best size for the home garden. In the Southern counties of the state, and for late beds, frames covered with canvas or heavy sheeting can be used in place of glazed sash.

Excavate a pit eighteen to twentyfour inches deep, running east and west, and make a frame of boards to fit, the frame being six inches higher on the north than on the south side. Place two-by-fours from front to rear for the sash or canvas frames to rest on. For regulation sash the supports should be three feet apart on centers, and the ends of the frames should be

with flue running the length of the frame, or horse manure is used. The manure should be turned from time to time as collected, to prevent too rapid heating and to secure even heating throughout the mass. When ready to make the bed, spread a layer of manure six inches deep in the bottom of the pit and tramp firm, and continue until twelve to eighteen inches of tramped manure is in place. Then cover with five inches of rich, loamy soil. Place the sash, and when the highest heat is passed—in about a week if conditions are favorable—the bed will be ready for seeding. Sow seed in drills three fuches opart, and save abundant space for transplanting. Radish may be grown in twenty days in the hotbed. Use the Rapid Red or Icicle variety and drop the seed about three-quarters of an inch part. Head lettuce, cauliflower, pepper, eggplant and temato can be started in hotbeds, while beet and forcing carrot can be grown to maturity. In March sow a hill of cucumber or cantaloupe to each

sash for extra early fruits. Give air freely during the heat of the day. Even in cold days the sash should be raised a very little for a few minutes, and when the outside temperature is 60 degrees the sash may be removed entirely, but the frames should be closed before the cool of the afternoon, as a chilled plant will not

Care in watering and airing and attention to transplanting will insure stocky, vigorous plants for the garden. With a little experience the gardener will find the hotbed a constant source of satisfaction.

CARE OF COWS WHILE DRY

(C. A. Hutton, Division of Extension.

University of Tennessee.)

Dry cows require just as good care as those giving milk. Investigations three days, after which time their feed show that about two-thirds of the foe should consist of equal parts of eggtal growth takes place during the last bread, cottage cheese and finelythree months before it is born. This chopped-up onion tops and onions. means that about fifty pounds of growth takes place in ninety days, or five-ninths of a pound per day. Ma- two or three hours, after which time terial for this growth must be fur they should be allowed free range with nished from the food eaten by the the mother turkey, and fed liberally mother.

In addition to this the cow usually gives some milk for at least half of this months' period, and she is generally expected to put on a little surplus fiesh while dry.

Dry cows are usually considered as being on a vacation, but they are really worked about as hard as when giving milk, and should be fed and cared for accordingly. It is especially well to provide plenty of foods rich in proseed meal, wheat bran, linseed of meal, and legume hays are especially Burns, Old Sores, Stings of Insects good. Being laxative they also serms to keep the cow's system in good con

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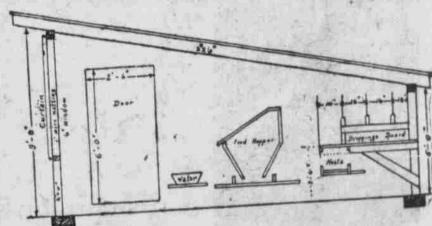
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For heating, either a simple furnace. ONE POULTRY HOUSE FOR TENNESSEE



(By R. N. Crane, Division of Extension, University of Tennessee.)

This house can be built by any one, square, a spirit level, and a saw. Five long. feet high at the rear and nine feet high at the front, with an opening six 'eet high extending across the front. This opening is covered with one-inch nesh netting. Curtains of domestic It across the front on wires above and selow the opening. Closed, these curains protect the chickens in the house

To accommodate 100 hens the house who knows how to use a hammer, a should be 16 feet wide and 25 feet

> For the sheeting, it will pay to use cheap dry, mill-run, pine lumber. Pine will not warp as badly as some of the other lumbers. The roof should be covered with a good 3-ply paper, and be tarred and covered with sand every two or three years.

> Have the foundation concrete, if possible. If not, keep the joists out of the mud by using large rocks.

HOW TO FEED YOUNG TURKEYS

rom rains and snows.

Thankegiving and Christmas Markets Are Not Far Away.

(By Richard N. Crane, Division of Extension, University of Tennessee.)

Young turkeys should be fed but fed sparingly as soon as they are strong enough to stand up and come out from under the mother turkey.

They should be fed on the yolks of hard-boiled eggs for the first two or

For the first four or five weeks they. should be fed at regular intervals of every night on equal parts of wheat and oracked corn.

In order to develop the best turkeys for the Thanksgiving and Christmas markets they should be fed daily, the preferable time being late in the evening. This will cause them to come up close to the buildings to roost, where they will be less liable to be stelen or destroyed by vermin.

tein, for this element is largely used IMITATIONIS SINCEREST FLATTERY

Will cure your Rheumatism in the growth of the foetus. Cotton but like counterfeit money the imitation has not the worth of the original. Insist on "La Creole" Hair Dressingit's the original. Darkens your hair in the natural way, but contains no dye

A Hint to Wise Women.

Don't suffer torture when all female troubles will vanish in thin air after using "Femenina," Price 25c and \$1.00,

AS TO USE OF SECOND **GROWTH SUDAN GRASS**

One Instance of Poleoning, But Not In the South-Well to Be Careful, Hewever.

Second-growth Sudan grass has been fed as pasture to both cattle and hogs in Texas. The results were highly gratifying. But there are some places where it is feared cattle are poisoned when pasturing on Sudan grass. As instance has come to the attention of the officials of the United States Department of Agriculture from the state of Washington. A man turned two milch cows in on some second-growth Sudan grass. In five or ten minutes after the cattle entered the field the owner found one of the cows dead. The other was quite sick, but recovered later.

C. V. Piper, authority on forage crops in this country, witen asked

